

For Research Use Only

Neuropilin 1 Polyclonal antibody

Catalog Number: 10612-1-AP



Basic Information

Catalog Number: 10612-1-AP	GenBank Accession Number: BC007737	Purification Method: Antigen affinity purification
Size: 130 µg/ml	GeneID (NCBI): 8829	
Source: Rabbit	UNIPROT ID: O14786	
Isotype: IgG	Full Name: neuropilin 1	
Immunogen Catalog Number: AG0931	Calculated MW: 103 kDa	

Applications

Tested Applications:
ELISA

Species Specificity:
human, mouse, rat

Background Information

Neuropilin-1 (NRP1) is a transmembrane glycoprotein expressed by endothelial, dendritic, and regulatory T cells, as well as several other normal cell types and malignant tumor cells. NRP1 was first identified as a semaphorin (SEMA) receptor, involved in axonal guidance in embryonic development. NRP1 was also shown to act as a receptor for vascular endothelial growth factor (VEGF) and a promoter of angiogenesis through its interaction with VEGF-A165 (and other VEGFs) and the receptor tyrosine kinase (RTK) VEGF-R2. NRP1 plays versatile roles in angiogenesis, axon guidance, cell survival, migration, and invasion.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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Selected Validation Data